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TITLE: HOT-DIP Zn-Al-Mg COATED STEEL SHEET EXCELLENT IN
CORROSION RESISTANCE AFTER COATING
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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a hot-dip Zn-Al-Mg coated steel sheet excellent in corrosion resistance after coating mainly for being used as building material.

SOLUTION: A hot-dip metal coated layer composed by wt.% of 3.0-6.0% Al, 1.0-7.0% Mg and the balance Zn with inevitable impurities and constituted with Zn primary crystal phase and Zn-Al-Mg three component eutectic phase is provided on one side surface or both surfaces. Desirably, as substrate layer of the hot-dip metal coated layer, Ni coated layer is employed with 0.2-2 g/m².

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